WARRANTY /INDUSTRIAL COMMERCIAL

Black & Deckel

f purchase. We will orkmanship. Please & Decker Service tric" in the yellow used where repairs date of ack & Decker warrants this product for one year froat without charge, any defects due to faulty mat turn the complete unit, transportation prepaid, to nter or Authorized Service Station listed under "ges. This warranty does not apply to accessories or we been made or attempted by others.

LITY, repairs, maintenance and adjust: & DECKER Service Centers or other using BLACK & DECKER replacement ct SAFETY and F performed by organizations, a

CENTERS SERVICE S SALES

POWER TOOLS

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NEW JERSEY: Paterson (Little Falls) 07424, Rt. 46 East, at Lower Notch Rd. Union 07083, 2305 U. S. Highway 22 West	107, 2812 Candelaria Road N.E	nectady Rd.				Rochester 14620, 476 Clinton Ave. S. Syracuse 13224, 2140 Erie Blvd. E.		: :			Dayton 45409, 2898 South Dixie Drive. Toledo 43607, 3231 Dorr St.				Harrisburg 17112, 6070 Allentown Blvd		Wayne 19087, 125 Strafford Avenue. Strafford Building #3 (Sales only)	we							UTAH: Salt Lake City 84115, 1541 S. Third West Street. VIRGINIA: Falls Church 22046, 129 Annandale Road			WEST VIRGINIAL: Charleston 25312, 1050 50011 Ave	S W. LiftColl Ave	BLACK & DECKER MFG. CO., Limited, Canada
. 205 942-0538 . 602 258-1332 . 501 372-3040	772-4050 224-2152 749-0371	749-7638 276-1610 787-9700	444-3188	241-9162 871-7278 787-5531	222-0621	249-6241	779-3808	356-2951	681-6658	872-8317	763-1300	536-9374	673-0923	827-0083	425-4269	845-5100 632-5569	263-6571	366-1495	837-2550	467-7411	779-3808 340-7377	828-2910	534-8880	789-6191	984.9191	531-0629	739-4661	291-2772		& DECNE
nway		Los Angeles 90007, 2510 S. Broadway (Selles only) 213 Los Angeles 90007, 2510 S. Broadway (Selles only) 213 Oakland (San Leandro) 945°8, 15306 E. 14th St. Riverside 92605, 4010 Mertill Ave.		Santa Clara 95050, 2291 The Alameda S. San Francisco 94080, P.O. Box 231, 1139 Airport Blvd		CONNECTION: Bridgefort GOOGS, 1033 Latayette Circle Hartford 06114, 131 Meadow Street. DISTRICT OF COLI LIMBIA - Washington	Iltimore Ave.	Rockville, Maryland 20852, 1020 Rockville Pike. 301 FLORIDA: Jacksonville 32208, 5224 Paarl Straet 904				HAWAII: Honolulu 96813, 675 Auahi Street		Des Plaines 60018, 2180 S. Wolf Rd. (Sales only). 312 Rock Island 61201, 725 30th Street. 309			IOWA: Des Moines 50312, 2811 Ingersoll Ave. 515 KANSAS: Wichita 67214, 203 N. Mathewson Street	KENTUCKY: Louisville 40209, 4407 Park Blvd 502	, d		Bladensburg (Wash. D.C.) 20710, 4501 Battimore Ave. 301 Rockville 20852, 1020 Rockville Pike 301			First 48604, G-4000 Ciol Robert Mile Rd) 55420		Nansas City 64 L11, 4344 Main St. (Sees only). St. Ann 63074, 10933 St. Kharles Rock Road St. Louis 6310 615 S. Vandeventer Ave (Service nniv). 314			BLACK

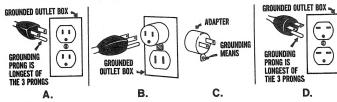
SA 5 21204, MD. TOWSON, 89 MFG. & DECKER BLACK

ADDITIONAL SAFETY RULES FOR POLISHERS

- 1. Before turning the switch to the "ON" position, be sure the pad is free to revolve.
- 2. Care must be exercised to prevent accidental power cordpad contact. Remember that a pad with compound or wax tends to adhere to objects it touches, thus making the pad dangerous when rotating near the power cord. If the cord should be picked up in the pad, immediately shut the tool off and unplug the power cord before attempting to straighten it out. Be sure to examine the power cord for damage such as cuts, abrasions, etc. resulting from the pad contact. If there is damage to the power cord, have it properly repaired at a B&D Service Center or other qualified electrical repair company before using the tool again.
- 3. Never use a damaged or torn polishing pad or bonnet.
- 4. Wear proper clothing, short sleeves, nothing loose or bulky such as shop coats, etc.
- 5. Don't overreach. Use both handles whenever possible.
- 6. Be extremely careful when polishing around sharp or protruding obejcts on the car body.
- 8. Clean your tool out periodically following the procedure in

GROUNDING

This tool should be grounded while in use to protect the operator from electric shock. The tool is equipped with an approved three-conductor cord and three-prong grounding type plug to fit the proper grounding type receptacle. The green (or green and yellow) conductor in the cord is the grounding wire. Never connect the green (or green and yellow) wire to a live terminal. If your unit is for use on less than 150 volts, it has a plug like that shown in Figure A. If it is for use on 150 to 250 volts, it has a plug like that shown in Figure D. An adapter, Figures B and C, is available for connecting Figure A plugs to two-prong receptacles. The green-colored rigid ear, lug, etc., must be connected to a permanent ground such as a properly grounded outlet box. No adapter is available for a plug as shown in Figure D. Adapter shown in Figures B & C is not for use in Canada



We recommend that you NEVER disassemble the tool or try to do any rewiring in the electrical system. Any repairs should be performed only by B&D Service Centers or other qualified service organizations. Should you be determined to make a repair yourself, remember that the green colored wire is the "grounding" wire. Never connect this green wire to a "live" terminal. If you replace the plug on the power cord, be sure to connect the green wire only to the grounding (longest) prong on a 3-prong plug. Never remove third (longest) prong from plug.

EXTENSION CORD

When using the tool at a distance from power source, a 3-wire, grounding-type extension cord of adequate size must be used for safety and to prevent loss of power and over-heating. Use the table below to determine the minimum wire size required in an extension cord.

Use only three wire extension cords which have three-prong grounding-type plugs and three-pole receptacles which accept the tool's plug. Replace or repair damaged cords.

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Ampere rating (on nameplate)	0 to 2.0	2.10 to 3.4	3.5 to 5.0	5.10 to 7.0	7.10 to 12.0	12.1 to 16.0
Ext. Cable length			Wire Siz	e (A.W.G.)		
25 ft 50 ft. 75 ft. 100 ft. 150 ft. 200 ft.	18 18 18 18 16 16	18 18 18 16 14	18 18 16 14 12 12	18 16 14 12 12 10	16 14 12 10	14 12 10 —

MOTOR

Your Black & Decker tool is powered by a B&D-built motor. Be sure your power supply agrees with voltage marked on nameplate. Volts 50/60 Hz means Alternating Current only. Volts DC-60 Hz means it will also operate on Direct Current. Voltage variation of more than 10% will cause loss of power and over-heating.

MOTOR BRUSHES

Inspect carbon brushes frequently. Replace when brushes are worn down to the identifying letter or groove or when spring exerts insufficient pressure to hold brush against commutator. Keep brushes clean and sliding freely in guides. To remove brushes:

- Disconnect tool from power supply.
- 2. Remove brush cap and brass insert (Figure 5).
- 3. Pull brush assembly out of brass insert.

CAUTION

To assure product SAFETY and RELIABILITY, repairs, maintenance and adjustment should be performed by BLACK & DECKER Service Centers or other qualified service organizations, always using BLACK & DECKER replacement parts.

CONTROLS

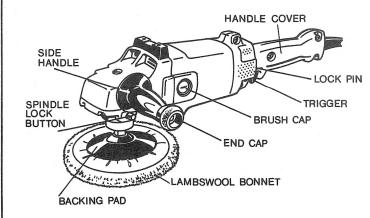


FIGURE 1

Trigger: To start tool, depress trigger; to stop tool, release trigger. To lock trigger in "ON" position for continuous operation, depress trigger, push in locking pin and then release trigger. To release locking mechanism, depress and release trigger. CAUTION: Grasp tool firmly with both hands before starting tool.

Side Handle may be attached to either side of tool for left or right handed operation. To attach Handle, turn End Cap to engage the bolt in the threaded hole on either side of the tool. Hold Side Handle so that its squared end will properly engage the socket on the side of the tool as the bolt is tightened.

Spindle Lock Button is used to lock the spindle when changing accessories. To engage the Lock Button: disconnect the tool from the power supply, depress the button, and turn the pad and spindle in a direction opposite to its ordinary direction of rotation until Lock Button engages spindle.

NOTE: Do not depress spindle lock button while unit is running.

PORTANT!

To assure product ment should be porqualified service or parts.

FACTORY

Area	Area Telephone		Area	Area Teleph Code No
ghway	942-0538	NEW JERSEY: Paterson (Little Falls) 07424, Rt. 46 East,		2
	•••	at Lower Notch Rd.	500	256-9
treet				1
CALIFORNIA: Anaheim 92802, 1235 So. Euclid Ave	224-2152	107, 2812 Candelaria Road N.E.	505	345-2
Los Angeles 90007, 2432 S. Broadway		NEW YORK: Albany (Latham) 12110,	913	785.15
	749-7638	Buffalo 14209, 881 W. Delavan Ave.	716	
	• • • •	Great Neck 11021, 98 Cuttermill Rd. (Sales only)		
Sacramento 95814, 1915 Seventeenth Street	4	Home Products Division	. 516	
		Ardemetica Distriction	516	829-9
Santa Ciara 95050, ZZ91 The Alameda	241-3162	New York 11590 1059 Old Country Road (Westhury 1.1)	: -:	
		New York 10462, 1894 E. Tremont Avenue (Bronx)	. 212	
		New York 10014, 227 Varick St. (Manhattan)	•	
Circle		New York 11377, 56-15 Queens Blvd. (Woodside)	4	
	249-6241	Rochester 14620, 476 Clinton Ave. S.		404-6
		Weethury 11500 1050 Old Country Dd (1 1)	516	
Bladensburg, Maryland 20710, 4501 Baltimore Ave		NORTH CAROLINA - Charlotte 28206, 1710 N. Graham St.	704	
	240.7277	Favetteville 28302, P.O. Box 424, Highway 301, S.	919	
	,	Greensboro 27403, 1010 W. Lee Street	. 919	
	, •	Raleigh 27604, 2420 Atlantic Avenue	919	
		OHIO: Cincinnati 45203, 1225 Western Ave.	. 513	
Tampa 33609, 3401 W. Kennedy Blvd		Colombia 42227 2076 E Lisington Aug		237.0
	4,	Dayton 45409 2898 South Divis Drivs	513	
		Toledo 43607, 3231 Dorr St.	419	-
:		OKLAHOMA: Oklahoma City 73106, 1318 Linwood Blvd	405	
Chicago 60646 Tincolnucod 6710 N Crauford Ava 312	261-8630	Tulsa 74145, 3120 South Sheridan Road	918	
Chicago 60453, Oak Lawn, 6343 West 95th St.		OREGON: Portland 97209, 1640 N.W. Johnson Street	503	228-8
		PENNSYLVANIA: Allentown (Whitehall) 18052,	č	426
:		2242 MacArthur Kd	212	
ter		l ancastar 17604 715 Fountain Ave	::	
Hammond 46323, 7103 Kennedy Ave	845-5100	Philadelphia 19103, 333 No. 20th Street (Service only)	215	
		Pittsburgh 15232, 5437 Baum Blvd.	. 412	
IOWA: Des Monnes 50312, 2811 Ingersoll Ave.	762/-462	Wayne 19087, 125 Strafford Avenue,		
		Strafford Building #3 (Sales only)	215	_
	•	RHODE ISLAND: E. Providence 02914, 2777 Pawfucket Ave	. 401	1994-1
3310 N. Causeway Blvd.	837-2550	SOUTH CAROLINA: Greenville 29601, 407 Pendleton St.	. 605	-
	~	Memobis 28116 QR6 Fast Brooks Rd	8	
	٧,	Nashville 37203, 601 Eighth Ave. S.	.615	
Bladensburg (Wash, D.C.) 20710, 4501 Baltimore Ave301		TEXAS: Amarillo 79106, 3008 West 6th Ave.	-:	
	828-2910	Dallas 75207, 1808 N. Industrial Blvd. (Service only)	:	630.6
arket St		Fi Paso 79925 1400 Macruder Street	: :	
MICHIGAN: Detroit 48219, 18133 W. McNichols Rd		Fort Worth 76103, 1801 Bomar Street	7	
Detroit 48234, 11360 East Seven Mile Rd		Houston 77022, 536 Tidwell Rd.	713	692-7
Park Ave. S.W.	534-7708	LITALL: Call also City 0411E 1E41 C Third Wast Streat	312	
1) 55420		VIRGINIA: Falls Church 22045 129 Annandale Road	2	
		Norfolk 23513, 7631 Sewells Point Road	804	
		Richmond 23222, 1424 Chamberlayne Ave	8	
St. Ann 63074, 10933 St. Charles Rock Road	739-4661	WASHINGTON: Seattle 98109, 701 Third Ave., N	500	282-6
ce only)		WEST VIRGINIA: Charleston 25312, 1638 Sixth Ave.	 8	
	291-2772	WISCONSIN: Milwaukee (West Allis) 53227,		
	•	10903 W. Lincoln Ave	414	543.9
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8. USE SAFETY GLASSES with most tools. Also 9. DON'T ABUSE CORD. Never carry tool by coord from heat, oil and sharp edges.

O. SECURE WORK. Use clamps or a vise to frees both hands to operate tool.

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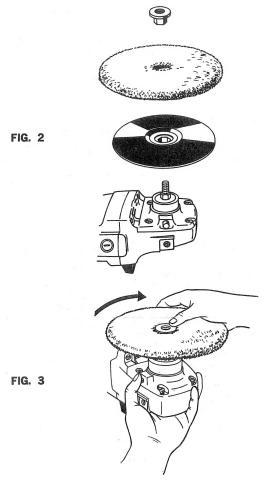
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7. Always wear eye protection. the maintenance section.

ATTACHING PADS

BE SURE THE TOOL IS UNPLUGGED! Push the hub of the clamp washer through the hole in the center of the Lambswool Pad as far as it will go. Engage the hexagonal Clamp Washer hub with the hexagonal hole in the Backing Pad (Fig. 2). Holding the three pieces firmly together, place the assembly on the tool spindle. Hold the spindle lock button while turning the pads clockwise to thread them completely on the spindle (Fig. 3).

To remove pads, turn them by hand in the opposite direction from normal rotation to allow lock button to engage spindle, then unscrew pads in normal direction for right hand thread.



GENERAL OPERATION

These instructions and suggestions are intended to familiarize new operators in overall general operation of POWER POLISH-ING. You will develop your own techniques which will make the job easier and faster as you learn power polishing.

As mentioned previously you should use utmost care when power polishing around or over sharp objects and contours of the car body. It is very important to use the correct pressure while polishing various sections of an automobile body. For example, light pressure should be applied when polishing over sharp raised edges of body panels, or over edges of the rain gutter along the top.

Since everyone does not use the same type of Power Polish, we recommend you clean and polish a test section on a flat area of the car FIRST. From this test secton, you can judge the strength or cleaning action of your Power Polish.

Remember, all Power Polish is not the same. Different brands will react differently on various painted surfaces. Also, you are now using a POWER POLISHER with Power Polish. This is entirely different from any hand application which you may have done before. Wash the car before power polishing it. Washing will remove loose dirt, scum, road salt, etc. which could act as an abrasive and damage the paint. Loose dirt, etc. will also clog the polishing pad and you will have to clean it more often.

GENERAL OPERATION—continued

Without turning tool "ON", grasp the handles of the tool and pick it up. Keep the tool away from your body and turn the switch "ON". Make sure you have a firm grip on the handles and operate the tool freely without forced effort or unnecessary pressure. The side handle can be easily changed to either side of the tool for left-hand or right-hand operation.

POLISHING

Spread a light coat of a good grade of polish, with a soft clean cloth or brush, over a small area and apply the Polisher before the polish dries. When starting to polish, it is all right to have the Polishing Pad resting squarely on the surface, but as the scum and film begin to work loose, start tilting the tool so that the dry outer section of the Polishing Pad comes in contact with the surface. If hazy spots still remain, apply a little more polish and work out these spots.



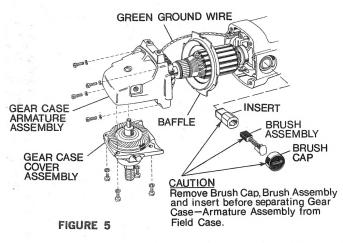
Start polishing with the roof, move to the hood, the fenders, the doors, etc. In this way, the slight dust that may be thrown off into the air by the revolving pad will not fall on completed sections, and the power cord will not be dragged over completed portions. When the car has been completely polished, an additional high lustre may be obtained if a few drops of water are sprinkled on the surface and gone over quickly with the Polisher or a clean dry cloth. (If a cloth is used, It is not necessary to rub-merely wipe.)

A Polishing Pad will become discolored with use because it has picked up "dead" pigment from the car surface. Excess dirt on the pad can often be removed by lightly touching the pad to an edge of the car bumper while pad is rotating. (The edge of a work bench or garage door will serve the same purpose.) When the pad becomes very dirty, remove it from the tool and dip the wool part only (do not get the back of the pad wet) into a pail of clean water, scuffing the pad with your hand. Put pad back on polisher and spin it dry.

CLEANING COMPOUNDS

The general procedure for using cleaning compound is similar to that used for polishing. Spread a light coat of a good grade of compound on the surface with a clean cloth or brush and apply the Polisher. Best results are obtained when the unit is operated with the pad at a slight angle to the work surface. Care should be taken in the amount and coarseness (light, medium or heavy) of the compound used and the speed and pressure exerted on the work surface. (See General Operating Instructions.)

MAINTENANCE



To assure product safety and reliability, repairs, maintenance and adjustment should be performed by Black & Decker Service Centers or other qualified service organizations, always using Black & Decker replacement parts.

The air intake openings in the handle should be kept free and clear of dust and dirt by blowing through them occasionally with an air hose. If more thorough cleaning within the motor housing is required, follow the disassembly procedure outlined

CAUTION: Never use solvents or other harsh chemicals for cleaning the non-metallic parts of the tool. Use clean, dry rag only.

Disassembly of Unit for Cleaning

- 1. Disconnect tool from power supply.
- 2. Remove handle cover.
- Remove Brush Caps, Brush Assemblies and Brass Inserts.
- Remove the (4) screws holding the Gear Case-Armature Assembly to the Field Case.
- Pry Gear Case-Armature Assembly out of Field Case.
- Remove Gear Case Armature Assembly from Field Case avoiding force when pulling green Ground Wire through Field Case. Guide green Ground Wire on handle end of Field Case as required.

Assembly Procedure

- 1. Ground Wire must be securely connected to the Gear Case-Armature Assembly.
- Position Baffle in the Field Case.
- Pull green Ground Wire on handle end of Field Case while Gear Case-Armature Assembly is inserted into Field Case. No slack wire may remain in the Gear Case or the Field Case.
- 4. Tuck excess Ground Wire into space between Field Case and Handle.
- Replace Gear Case-Armature Assembly mounting screws (4).
- Replace Handle Cover.
- 7. Replace Brass Inserts, Brush Assembly and Brush Caps.

Inspect carbon brushes often. Replace when brushes are worn down to the identifying groove or when spring exerts insufficient pressure to hold brush against commutator. Keep brushes clean and sliding free in guides.

To remove brushes:

- Disconnect tool from power supply.
- Remove Brush Cap and brass insert.
- 3. Pry sheet metal cap on Brush Assembly out of brass insert.

Lubrication:

Except for the needle roller bearings used at the upper end of the spindle, closed-type, grease-sealed ball bearings are used throughout. These bearings have sufficient lubrication packed in them at the factory to last the life of the bearing. The needle bearings mentioned above receive their lubrication from the grease in the gear case. Gears should be lubricated every 60 to 90 days in accordance with the following procedure:

- 1. Remove the (4) Screws and pry the Gear Case Cover Assembly from the Gear Case-Armature Assembly.
- Wipe out old grease from Gear Case and Cover.
- Place 3 oz. Black & Decker lubricant (Cat. 60541) on top
- Re-assemble Gear Case Cover Assembly to Gear Case-Armature Assembly carefully so that Gear meshes properly with Pinion.

ACCESSORIES:

CAUTION: Accessories shown on this page are recommended for use with your Polisher. The use of any other accessory might be hazardous.

Random Orbit Buffer Head

Rubber Backing Pads

same as #51824 Pad below.

polisher spindle

#63313 Random Orbit Head assembly is available as a separate attachment, complete with one bonnet, as an accessory to fit any standard automotive polisher having a 5/8"-11 thread. Use it to convert your present polisher to a Random Orbit Buffer. CAUTION: Do not use this accessory on tools with speeds that will exceed 3,000 RPM.

#50934 7" Quick-Change Flexible Backing Pad. Includes #50933 Clamp Washer; attaches

#51824 7" Quick-Change Super Flexible Rub-

ber Backing Pad with #50933 Clamp Washer.

Washer is threaded inside: fits through hub of

#36239 7" Cushion Pad with #45925 Clamp

Washer. A superior cushioning pad for use

with Vitri-Buff Bonnets. Threads directly on

pad, and threads onto spindle of polisher.



Random Orbit **Buffer Head**



Rubber Backing Pad



Cushion Pad

Lambswool Bonnets and Pads

Made of high quality lambswool skins. Economically priced.

#13086 7" Lambswool Polishing Pad. Use with #51824 Quick-Change Super Flexible Rubber Backing Pad.

#13087 7" Lambswool Polishing Bonnet with hood and drawstring. Use with #51824 Quick-Change Super Flexible Rubber Backing Pad. #22176 9" Lambswool Polishing Bonnet with hood and drawstring. Use with #36239 Cushion Pad.



Vitri-Buff Bonnets and Pads

Gives a superior shine on all car finishes. Each tuft is twisted and locked to backing pad by patented construction method. Very resilient stronger pile, more body. Outlasts other buffs

many times over. #45434 7½" Vitri-Buff Pad. #37796 7½" Vitri-Buff Bonnet with hood and drawstring. Use with #51824 Quick-Change,

Super Flexible Rubber Backing Pad. #37797 9" Vitri-Buff Bonnet with hood and drawstring. Use with #36239 Cushion Pad.



Clamp Washers

#50933 Replacement Clamp Washer. Insidethreaded; fits through hub of #51824 and #50934 Quick-Change Flexible Backing Pads and threads onto spindle.

#45925 Replacement Clamp Washer, Outsidethreaded. Use with #36239 Cushion Pad.

Formulated for one-operation cleaning and

polishing with power polishers. Leaves clean

lustrous, sealed surface that stays hard and

bright for months. Won't remove or harm live

Power Polish #48428

paint. 1/2 gallon.



#50933 #45925 Clamp Washer



Power Polish